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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/902,972	07/11/2001	Atsushi Suzuki	Suzuki 10873.756US01 974	
7	590 01/18/2005		EXAM	INER
Merchant & C			QUARTERMA	AN, KEVIN J
P.O. Box 2903 Minneapolis, I	MN 55402-0903		ART UNIT	PAPER NUMBER
, -			2879	

DATE MAILED: 01/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.



FORM 1449* INFORMATION DISCLOSURE STATEMENT	Docket Number: 10873.756US01	Application Number: 09/902,972	
IN AN APPLICATION	Applicant: Suzuki et al.		
(Use several sheets if necessary)	Filing Date: 07/11/2001	Group Art Unit: 2879	

TRADEN	<u></u>		U.S. PATENT DOCUMEN	rs			
XAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS		DATE OPRIATE
Ke	US 6,356,012	Mar. 2002	Bae	313	479		
NB.	US 6,268,693	Jul. 2001	Miwa et al.	313	4.79		
16	US 5,863,596	Jan. 1999	Kojima et al.	427	64		
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	<u></u>	FC	REIGN PATENT DOCUM	ENTS			
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
YA	JP 11-233050	Aug. 1999	Japan			Sec IDS	
KB,	EP 1 156 509	Nov. 2001	EPO				
Vel.	EP 0 272 689	Jun. 1988	ЕРО			<u> </u>	
16	WO00/44029	Jul. 2000	WIPO			<u> </u>	
	от	HER DOCUMEN	TS (Including Author, Title,	Date, Pertinent Pag	es, Etc.)		-
	European	Secreh Report					

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EXAMINER Ken 200 to	· -	DATE CONSIDERED	11/18/02	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

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EXAMINER DITTAL	DOCUMENT NO	DATE	S. PATENT DOCK NAME	MINTS CL	us s	UBCLASS	PLING DATE IF APPROPRIATE
I/A	6,066314	May/2000	SHIMIZU et al.	3 (	3	ÞΙΚ	
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		POR	eigh patent do	CUMENTS		6	
	DOCUMENT NO.	DATE	COUNTRY	CL	uss s	UBCLASE,	FIRAPILATION NO
W.	JP11-288676	October/1999	Japan .		construction and the second	ន	Shee Z
III.	CN 1219749	hine/1999	Chant			8	æns _
						2100	
	OTHER	DOCUMENT	(Including Author,	ide, Date, Per	inent Pager	(Be)	
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